OSPF [illegible]

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[illegible]

[illegible] OSPF [illegible]

OSPF [illegible]

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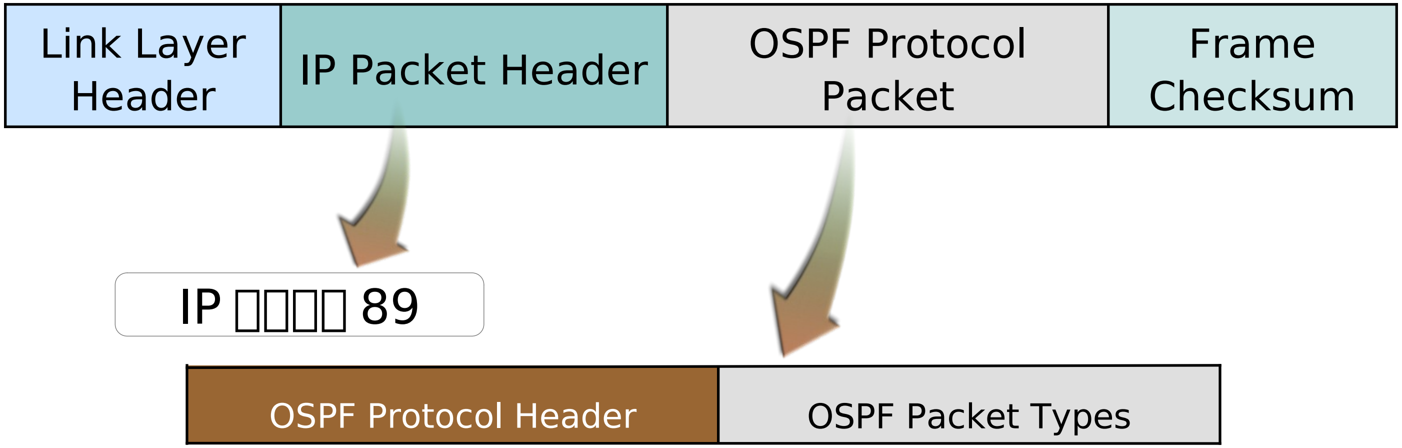
OSPF [illegible]

OSPF [illegible] IGP [illegible]

OSPF [illegible] IP [illegible] IP [illegible] 89 [illegible]



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OSPF [illegible]

[illegible] CIDR [illegible]

[illegible]

[illegible]

[illegible]

[illegible] IP [illegible]

[illegible]

[illegible]

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[illegible] RIP [illegible]

	OSPF	RIPv2	RIPv1
[illegible]	[illegible]	[illegible]	[illegible]
CIDR	[illegible]	[illegible]	[illegible]
VLSM	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]

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[illegible] RIP [illegible]

	OSPF	RIPv2	RIPv1
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	15	15
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Dijkstra	Bellman-Ford	Bellman-Ford

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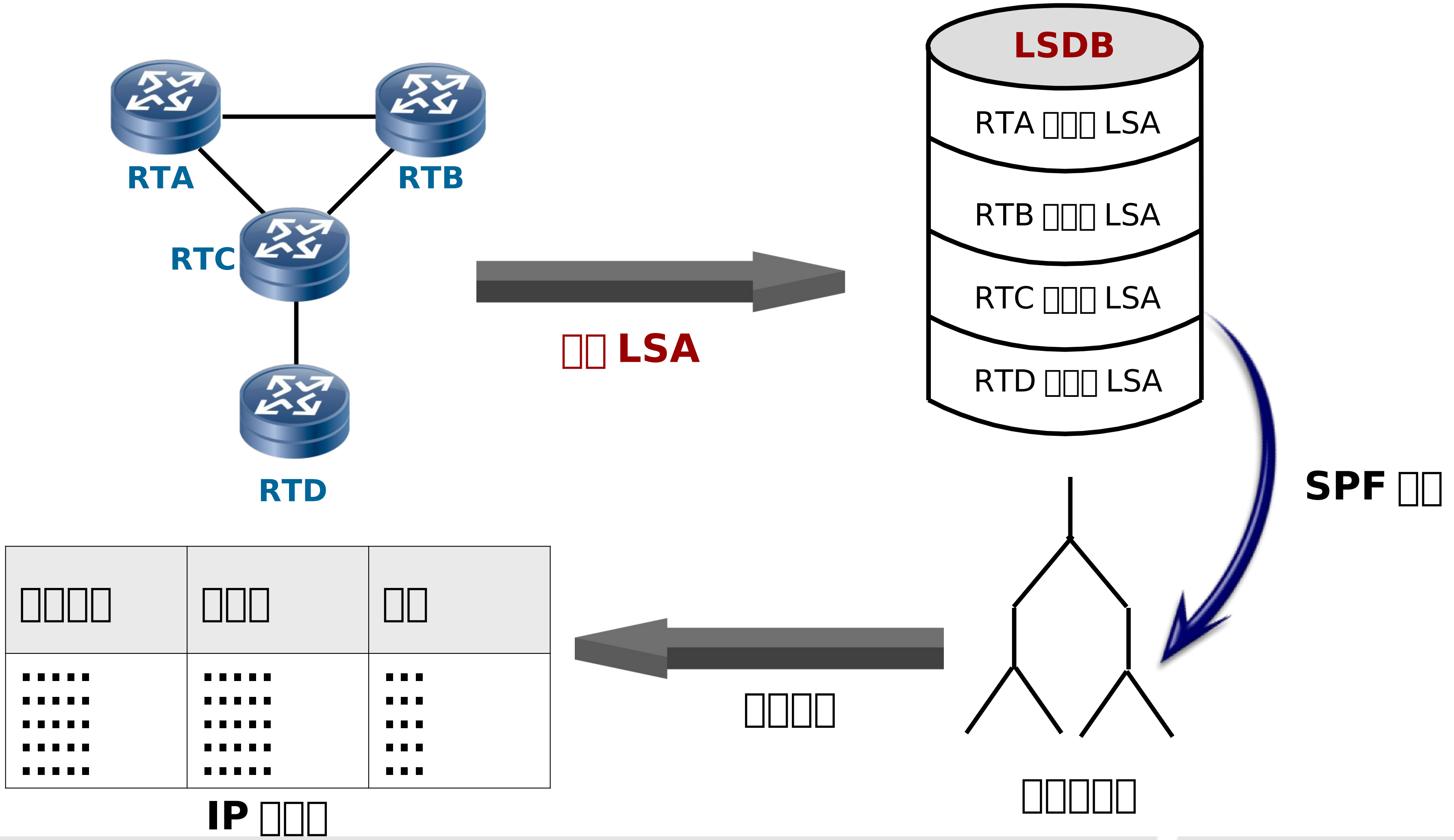
[illegible]



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OSPF □□□□

Hello □□

DD□Database Description□□□

LSR□LSA Request□□□

LSU□LSA Update□□□

LSACK□Link State Acknowledgment□□□

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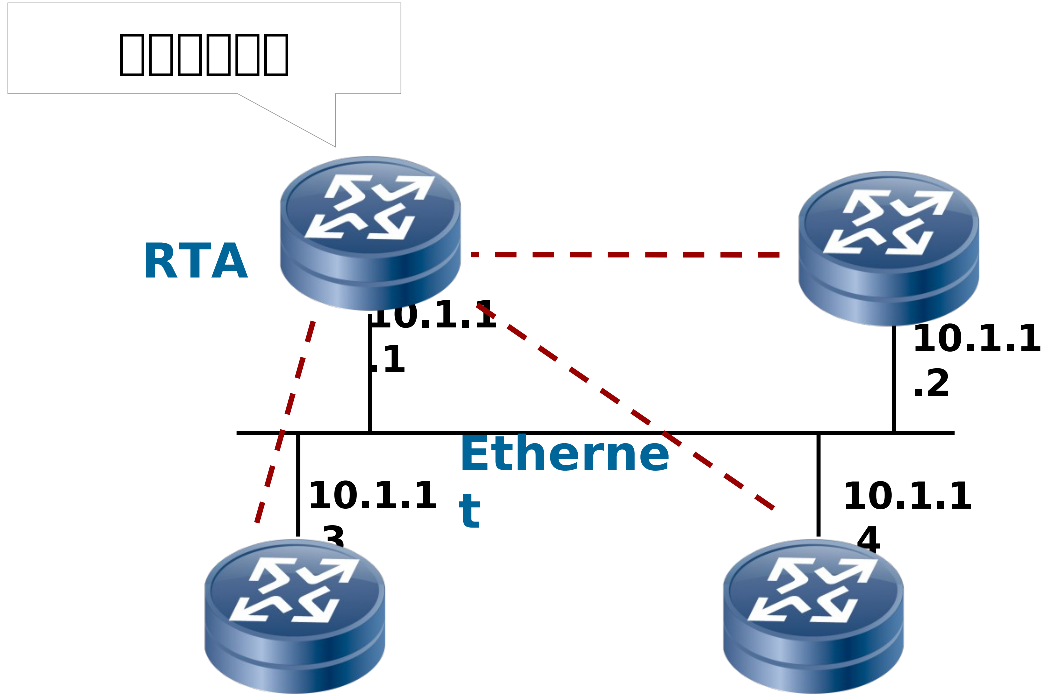
□□□ Neighbor □□□□□ Adjacency □



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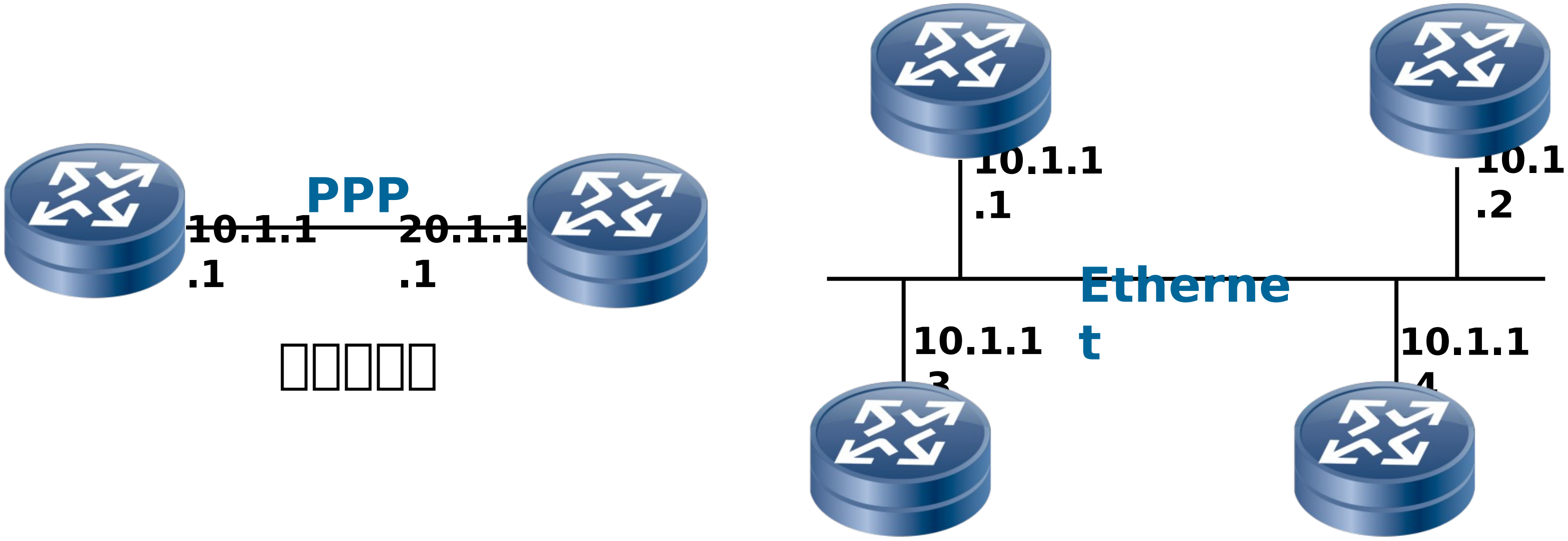
OSPF



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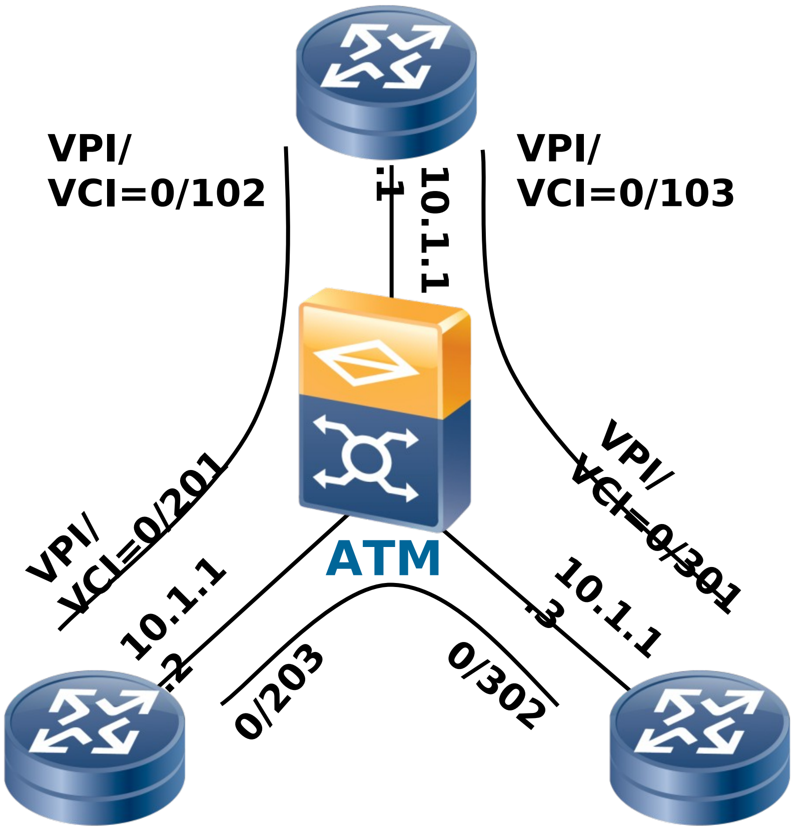
OSPF [illegible] NBMA [illegible]



[illegible] ATM [illegible]

[illegible] **NBMA** [illegible]

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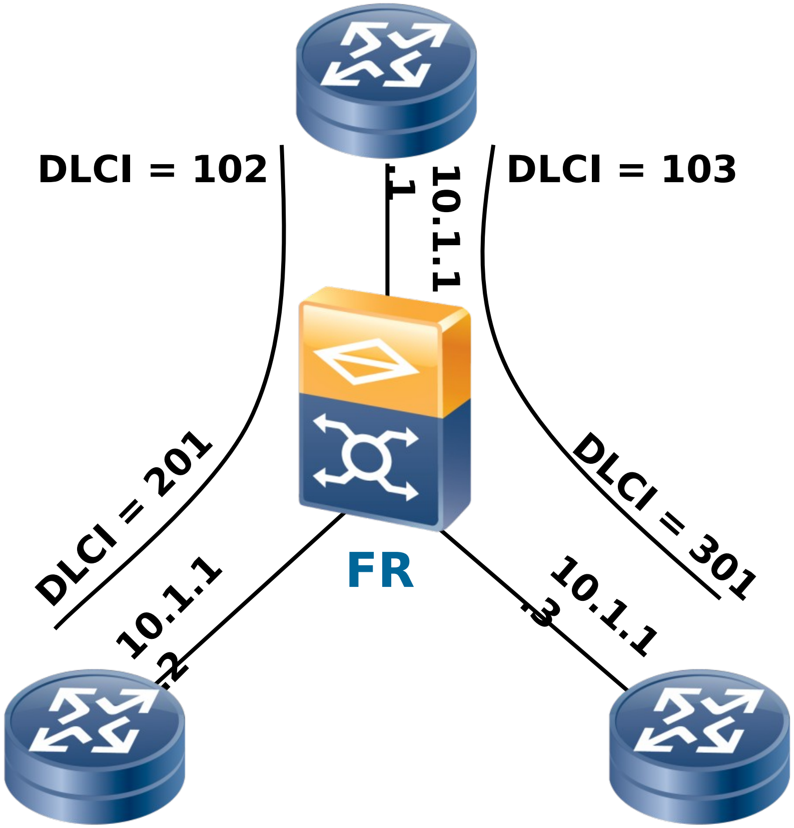
OSPF [illegible]



[illegible]

[illegible] **Point-to-MultiPoint** [illegible]

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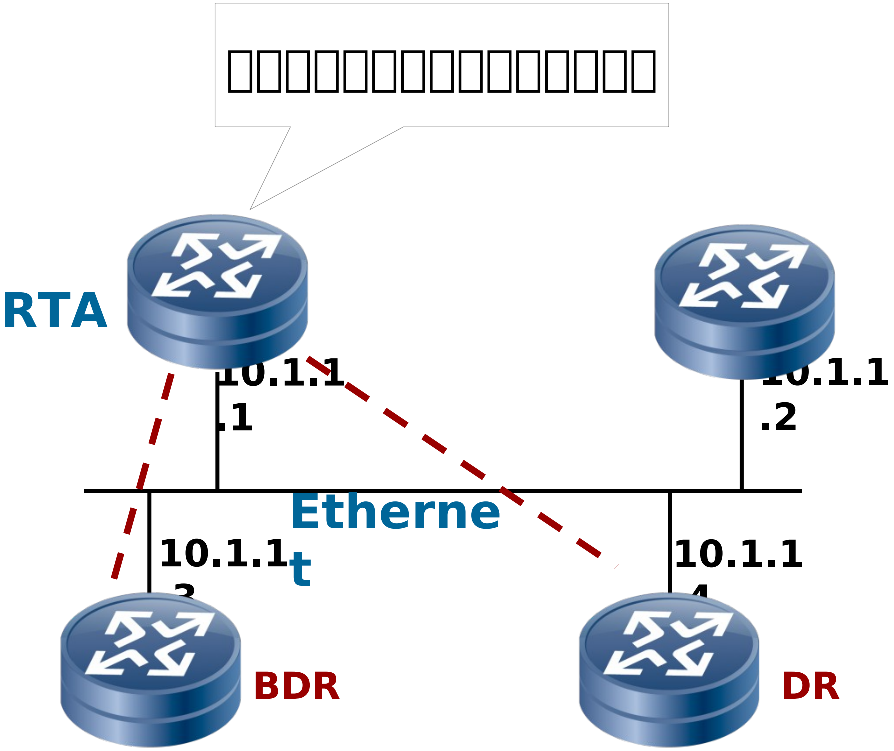
DR □ BDR



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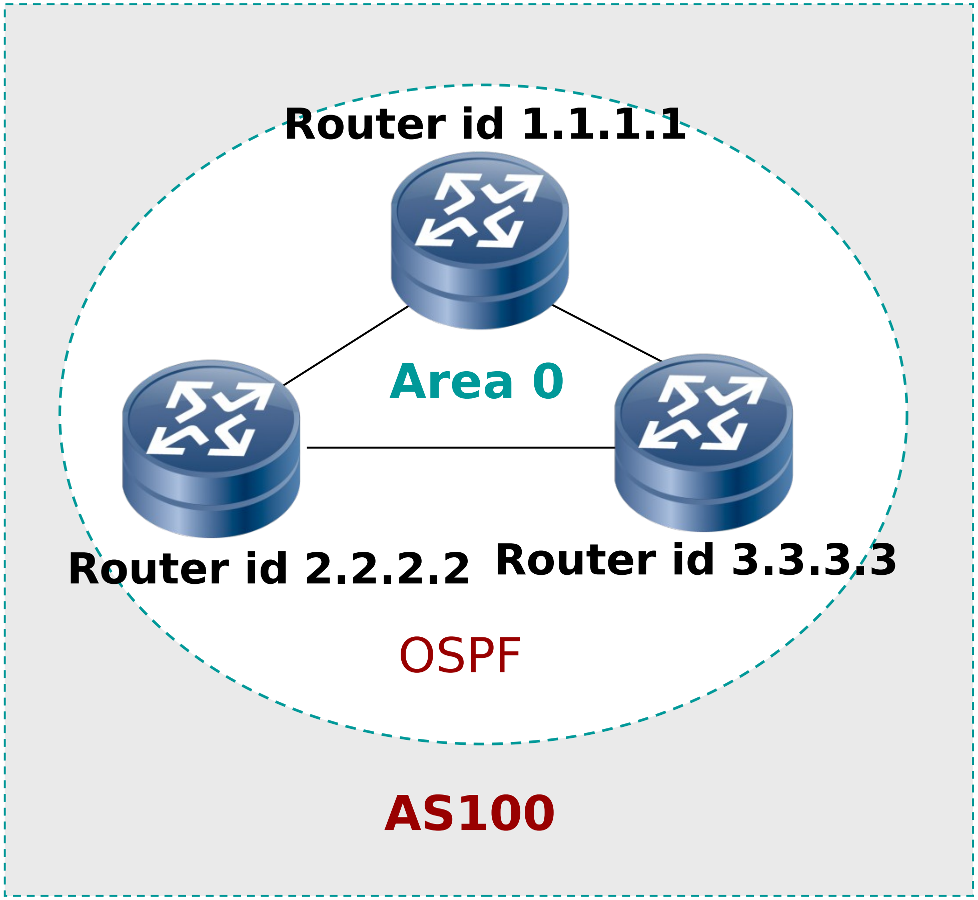
□□□ OSPF



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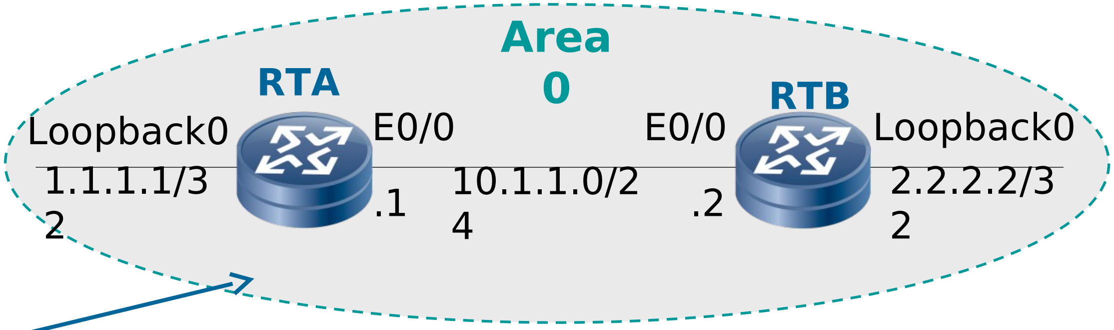
[illegible] OSPF [illegible]




```
[RTA]ospf 1 router id 1.1.1.1
[RTA-ospf-1]area 0
[RTA-ospf-1-area-0.0.0.0]network 1.1.1.1 0.0.0.0
[RTA-ospf-1-area-0.0.0.0]network 10.1.1.0 0.0.0.255
[RTA-ospf-1-area-0.0.0.0]return
<RTA>
```

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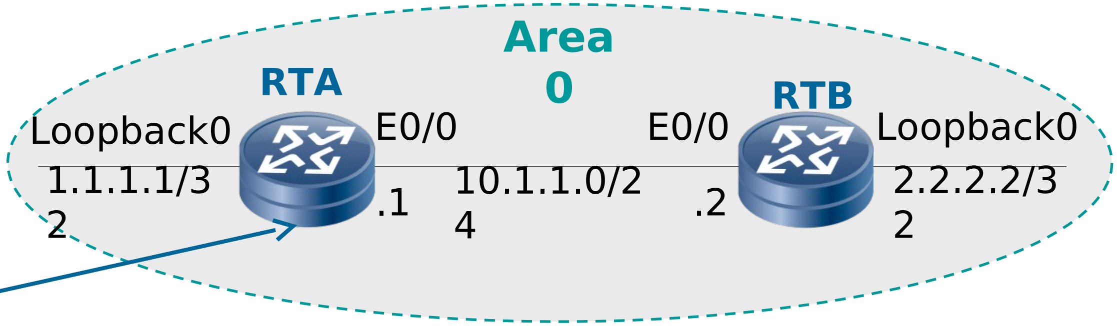
□□□ OSPF □□




```
[RTA]display ospf routing

         OSPF Process 1 with Router ID 1.1.1.1
                  Routing Tables
 Routing for Network
 Destination     Cost   Type     NextHop      AdvRouter     Area
 1.1.1.1/32       0      Stub    1.1.1.1       1.1.1.4     0.0.0.0
 10.1.1.0/24     1562    Stub    10.1.1.1      1.1.1.4     0.0.0.0
 2.2.2.2/32      1562    Stub    10.1.1.2      2.2.2.2     0.0.0.0
```

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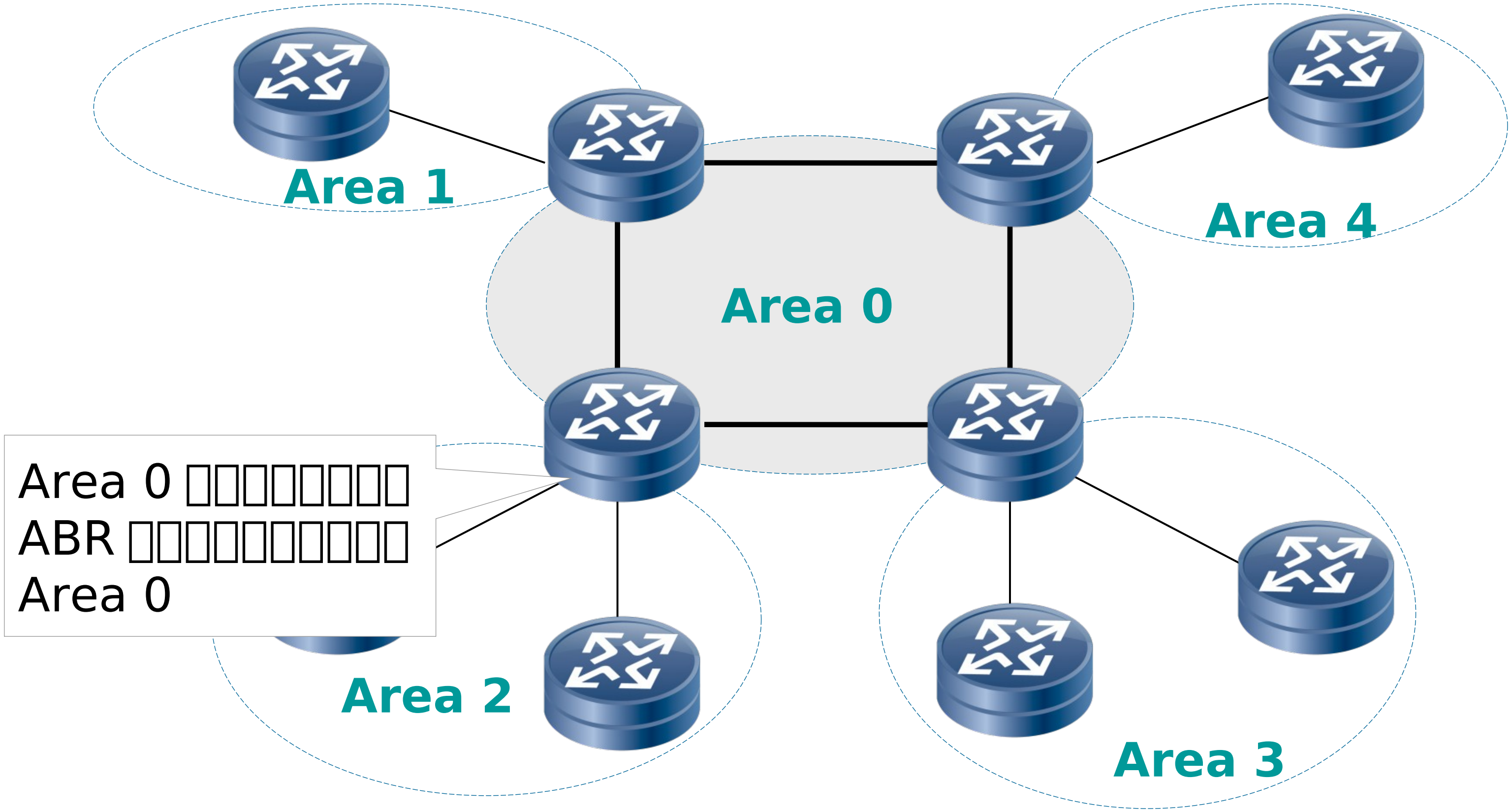
OSPF □□□



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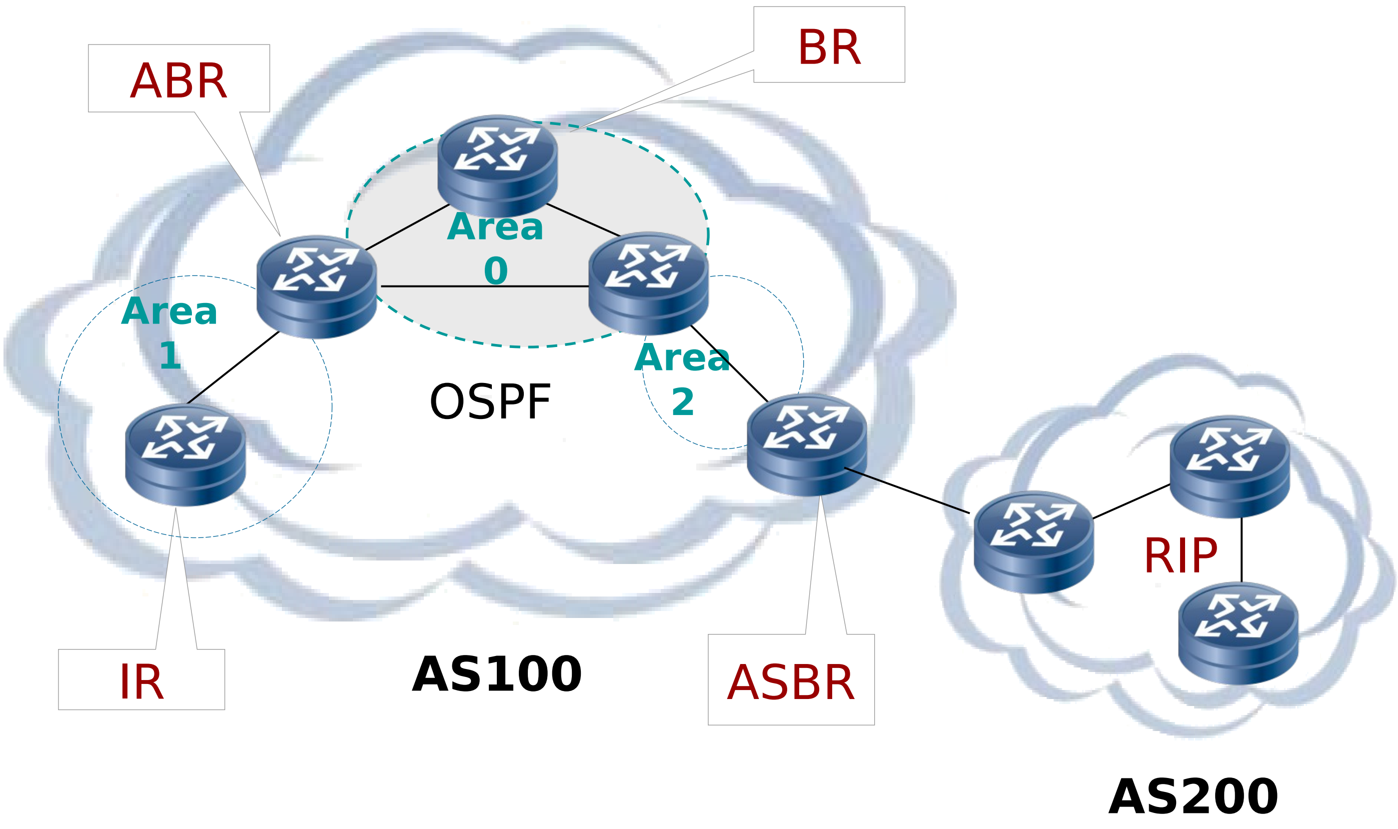

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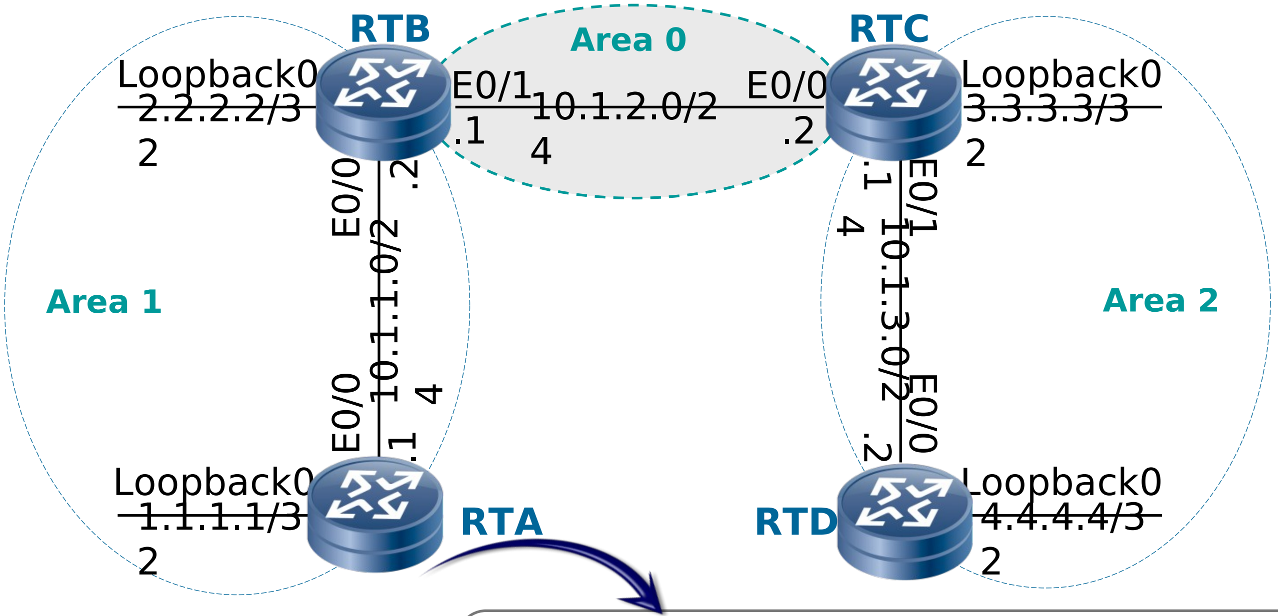
□□□ OSPF □□




```
[RTD]router id 1.1.1.1
[RTD]ospf
[RTD-ospf-1]area 1
[RTD-ospf-1-area-0.0.0.2]network 1.1.1.1 0.0.0.0
[RTD-ospf-1-area-0.0.0.2]network 10.1.1.0 0.0.0.255
[RTD-ospf-1-area-0.0.0.2]return
<RTD>
```

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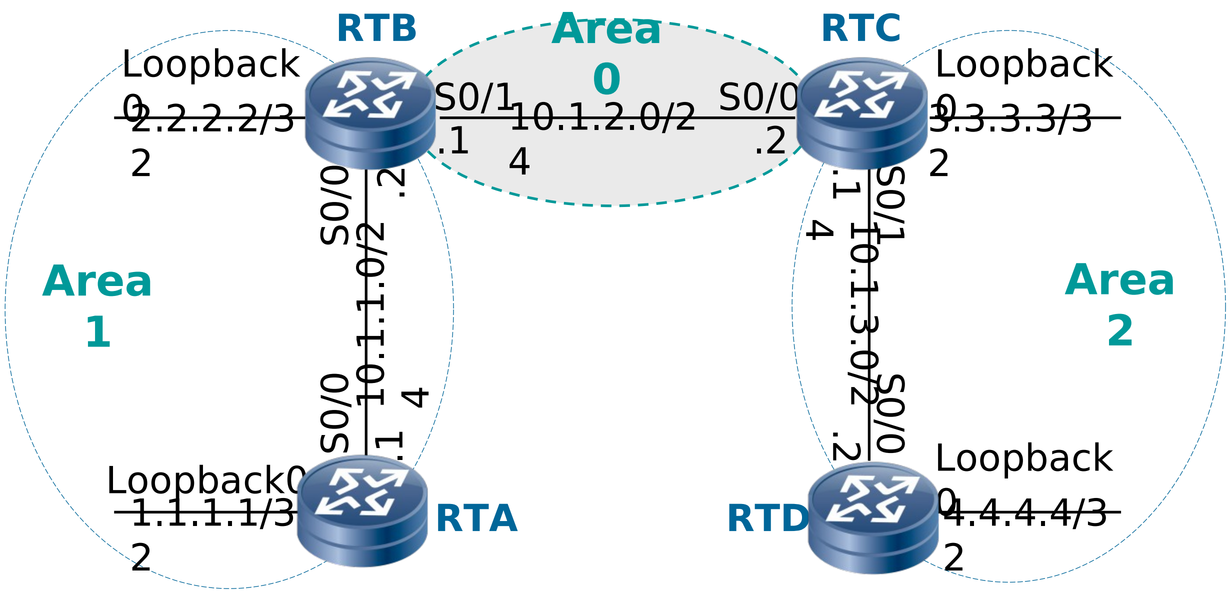
□□□ OSPF □□

```
[RTB]router id 2.2.2.2
[RTB]ospf
[RTB-ospf-1]area 1
[RTB-ospf-1-area-0.0.0.1]network 2.2.2.2 0.0.0.0
[RTB-ospf-1-area-0.0.0.1]network 10.1.1.0 0.0.0.255
[RTB-ospf-1-area-0.0.0.1]quit
[RTB-ospf-1]area 0
[RTB-ospf-1-area-0.0.0.0]network 10.1.2.0 0.0.0.255
[RTB-ospf-1-area-0.0.0.0]return
<RTB>
```



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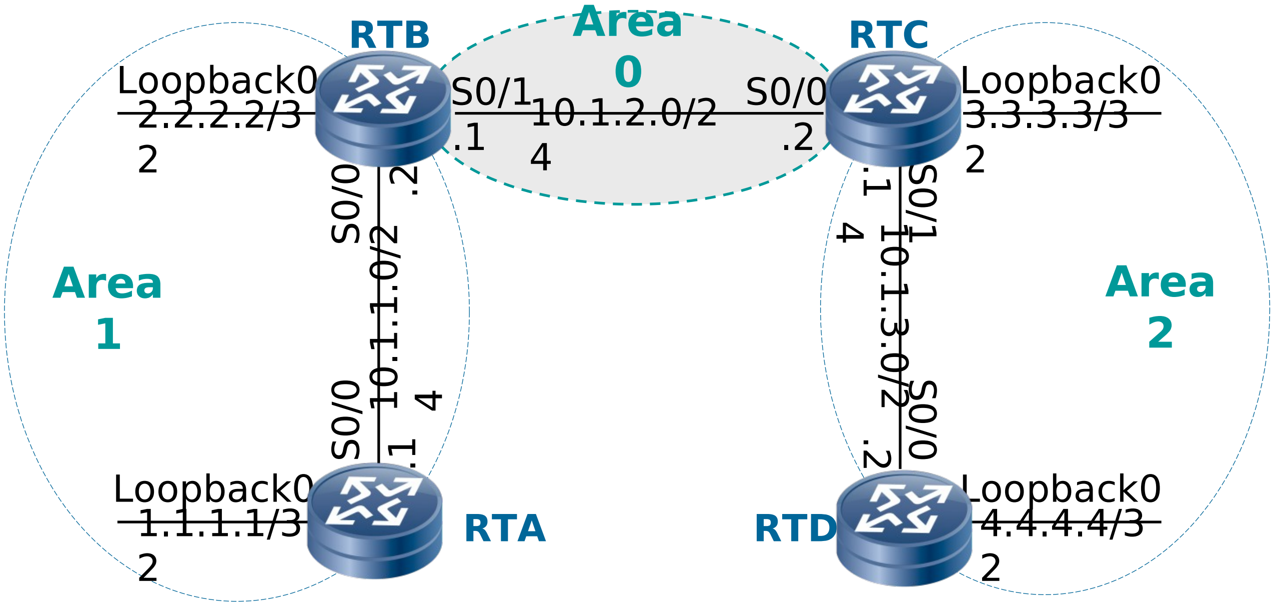
□□□ OSPF □□

```
[RTC]router id 3.3.3.3
[RTC]ospf
[RTC-ospf-1]area 0
[RTC-ospf-1-area-0.0.0.0]network 10.1.2.0 0.0.0.255
[RTC-ospf-1-area-0.0.0.0]quit
[RTC-ospf-1]area 2
[RTC-ospf-1-area-0.0.0.2]network 3.3.3.3 0.0.0.0
[RTC-ospf-1-area-0.0.0.2]network 10.1.3.0 0.0.0.255
[RTC-ospf-1-area-0.0.0.2]return
<RTC>
```



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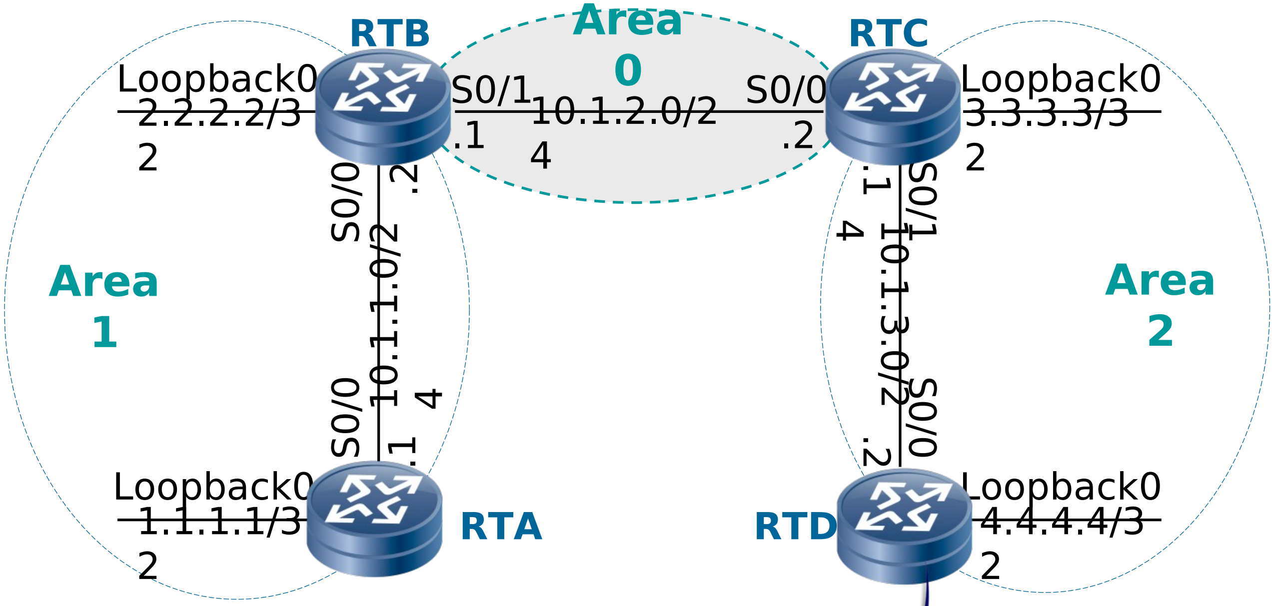
□□□ OSPF □□




```
[RTD]router id 4.4.4.4
[RTD]ospf
[RTD-ospf-1]area 2
[RTD-ospf-1-area-0.0.0.2]network 4.4.4.4 0.0.0.0
[RTD-ospf-1-area-0.0.0.2]network 10.1.3.0 0.0.0.255
[RTD-ospf-1-area-0.0.0.2]return
<RTD>
```

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□□□□□□

```
[RTB]display ospf peer

         OSPF Process 1 with Router ID 2.2.2.2
                 Neighbors
 Area 0.0.0.0 interface 10.1.2.1(Serial0/1)'s neighbors
 Router ID: 3.3.3.3          Address: 10.1.2.2         GR State: Normal

   State: Full  Mode:Nbr is  Master  Priority: 1
   DR: None   BDR: None   MTU: 0
   Dead timer due in 33  sec
   Retrans timer interval: 5
   Neighbor is up for 00:00:17
   Authentication Sequence: [ 0 ]
                 Neighbors
 Area 0.0.0.1 interface 10.1.1.2(Serial0/0)'s neighbors
 Router ID: 1.1.1.1          Address: 10.1.1.1         GR State: Normal

   State: Full  Mode:Nbr is  Slave  Priority: 1
   DR: None   BDR: None   MTU: 0
   Dead timer due in 35  sec
   Retrans timer interval: 5
   Neighbor is up for 00:00:07
   Authentication Sequence: [ 0 ]
```

□□□ Router ID

□□ 0 □□□□□

□□ 1 □□□□□

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□□□□□

```
[RTD]display ip routing-table  protocol ospf
Route Flags: R - relay, D - download to fib
------------------------------------------------------------
Public routing table : OSPF
         Destinations : 5        Routes : 5
OSPF routing table status : <Active>
         Destinations : 5        Routes : 5
Destination/Mask Proto Pre Cost Flags NextHop    Interface
    1.1.1.1/32        OSPF   10  4686   D      10.1.3.1       Ethernet0/0
    2.2.2.2/32        OSPF   10  3124   D      10.1.3.1       Ethernet0/0
    3.3.3.3/32        OSPF   10  1562   D      10.1.3.1      Ethernet0/0
   10.1.1.0/24        OSPF   10  4686   D      10.1.3.1      Ethernet0/0
   10.1.2.0/24        OSPF   10  3124   D      10.1.3.1      Ethernet0/0
OSPF routing table status : <Inactive>
         Destinations : 0        Routes : 0
```

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[illegible]

[illegible] OSPF [illegible]

OSPF [illegible]

[illegible]

[illegible](learning.huawei.com [illegible]

- **1 [illegible] E-learning [illegible]**
  - [illegible] **E-Learning** [illegible]
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- **2 [illegible]**
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- **3 [illegible] (LVC) [illegible]**
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- **4 [illegible] eNSP**
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- [illegible], [illegible] [illegible][illegible]
  http://support.huawei.com/ecommunity/bbs/list_2247.html [illegible]

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